OPERATION INSTRUCTIONS FOR THE EQUALIZER® EQ2 REGISTER BOOSTER™

READ AND SAVE THESE INSTRUCTIONS
IMPORTANT NOTICE

With the use of any electrical appliance, it is important to observe all basic precautions to minimize the risk associated with use, such as electrical shock, fire, or injury to persons. Read these instructions before using your Equalizer®EQ2 Register Booster™.

NEVER EXPOSE YOUR EQUALIZER® EQ2 TO TEMPERATURES OVER 140°F (60°C)

INSTALLATION

FLOOR REGISTERS

1. Position the Equalizer®EQ2 over any 6" x 12" (or smaller) register.
2. Plug the power cord into the nearest 120 Volt AC outlet.
3. Follow the directions for Operation Settings.

WALL REGISTERS

1a. Installing over an existing register grill (see figure 1)
Using the template, mark the screw hole positions and then install two #6 screws (not included) into the top frame of the register grill. Leave 7/16" of the screw protruding.

1b. Installing over a register boot without a register grill (see figure 2)
Using the template, mark the screw hole positions and then install two #6 screws (not included) above the top edge of the register boot (plastic expanding plugs may be needed). Leave 7/16" of the screw protruding from the wall surface.

2. Install the Equalizer®EQ2 over the screws by placing the two evenly positioned keyhole slots over the screwheads. Make sure the unit slips down over the screws.
3. Plug the power cord into the nearest 120 Volt AC outlet.

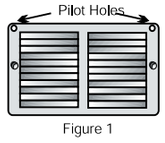


Figure 1

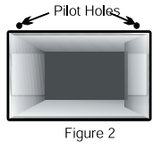
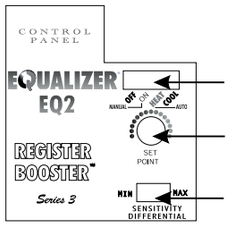


Figure 2

CLEANING AND MAINTENANCE

Before cleaning the Equalizer®EQ2 Register Booster™disconnect the power cord from the outlet. Dust may be removed from the exterior surfaces using a soft cloth, the round brush attachment of your vacuum cleaner, or using a cloth that has been lightly moistened with water and a mild, non-abrasive detergent. Dust accumulation in the interior of the unit may be removed by using the small round brush attachment of your vacuum cleaner or by attaching your vacuum cleaner hose to the blower side and blowing the dust out. Accumulation of dust in the interior will be minimized by regular replacement of your furnace filter as recommended by the manufacturer.

OPERATION SETTINGS



Function switch selections:
OFF to stop operation.
ON for continuous running.
AUTO HEAT for automatic on/off to boost warm air.
AUTO COOL for automatic on/off to boost cool air.

The rotary Set Point knob selects the automatic on/off temperature setting for both heating and cooling.

The Sensitivity Differential switch provides control over On/Off cycling experienced on poorly performing registers.

1. Make sure your furnace is not running.
2. Set the Sensitivity Differential switch to the MIN position.
3. Place the unit over the register and plug it in. Set the Function switch to Auto Heat (winter) or Auto Cool (summer).
4. To adjust the fan motor ON/OFF point rotate the Set Point knob in the proper direction for your heating or cooling application until the fan motor switches ON, then slightly turn the control knob in the opposite direction until the fan motor stops. DO NOT FORCE.

FOR HEATING

Position the Function switch to Auto HEAT.

STEP ONE
Turn counterclockwise until fan motor runs.

STEP TWO
Turn clockwise to the point where the fan motor just stops.

FOR COOLING

Position the Function switch to Auto COOL.

STEP ONE
Turn clockwise until fan motor runs.

STEP TWO
Turn counterclockwise to the point where the fan motor just stops.

IMPORTANT NOTE

To shorten the length of time that your Equalizer®EQ2 Register Booster™ continues to run after the forced air furnace or air conditioner has shut off, rotate the Set Point knob control slightly further, as in Step Two. Should you experience frequent On/Off cycling, move the Sensitivity Differential switch to the MAX position.

IMPORTANT WARNINGS

1) Your Equalizer®EQ2 will be as warm as the air that is delivered from the register of your forced air furnace and/or cooling system. The maximum temperature for a register is 140˚ Fahrenheit or 60˚ Centigrade. Your Equalizer®EQ2 should never be exposed to higher temperatures or temperatures below freezing.
2) Do not in any way block the air grills of the Equalizer®EQ2.
3) Unplug the Equalizer®EQ2 when not in use. Turn the unit off before unplugging.
4) Do not operate the Equalizer®EQ2 with a damaged plug or cord, if the unit malfunctions, becomes noisy when operating, has been dropped or otherwise damaged, or if the housing is damaged or broken. Return the unit for inspection, replacement, or repair.
5) The Equalizer®EQ2 should never be exposed to moisture. Do not use the unit in an open window, bathroom, or laundry area where it may come in contact with water.
6) The Equalizer®EQ2 is designed for indoor use only.
7) Place the Equalizer®EQ2 and the electrical cord where it will not be tripped over, and is out of the traffic pattern.
8) Never insert any object or allow any object to enter the Equalizer®EQ2 through the bottom or top grills, as this may damage the unit or cause it to malfunction.
9) The motor of the Equalizer®EQ2 is equipped with a thermal fuse. Blocking rotation of the fan or airflow may cause the motor to overheat. Should the motor overheat and the fuse open, replacement of the motor is required.
10) Do not use the Equalizer®EQ2 near flammables such as gasoline, paint, or natural gas.
11) The Equalizer®EQ2 is intended for use as described in the instructions only. Other use may cause fire, electrical shock, damage to the unit, or injury to persons and will void any warranty by the manufacturer.
12) The Equalizer®EQ2 has a polarized plug (one blade is wider than the other). To reduce the risk of shock, this plug is intended to fit into a polarized outlet only one way. If the plug does not fit into the outlet fully, reverse the plug. If it still does not fit, contact a qualified electrician. DO NOT attempt to defeat this safety feature.
13) If it is necessary to use an extension cord, use a heavy duty cord with adequate wire size.
14) Pressure on the bottom or top grills of the Equalizer®EQ2 may cause the fan impeller to contact these grills and damage the unit.
15) Do not use strong detergents or flammable liquids to clean the Equalizer®EQ2.
16) The housing of your Equalizer®EQ2 is sealed at the factory. THERE ARE NO SERVICEABLE PARTS INSIDE. Attempting to open the housing will expose you to dangerous electricity, may cause fire and will void any and all warranty.
17) To reduce the risk of fire or electrical shock, do not use the Equalizer® with any solid state speed control device.

ONE YEAR LIMITED WARRANTY

Subject to the following limitations, Suncourt Inc. (manufacturer) warrants that the Equalizer®EQ2 Register Booster™ will, for 1 (one) year from date of original retail purchase, but not exceeding two years from date of manufacture, remain free from appearance of defects in workmanship or materials. This warranty is subject to the following limitations: (a) manufacturer's liability is limited to the replacement or repair of the unit, as decided by the manufacturer; (b) a defective unit must be returned, prepaid, with proof of purchase; and (c) this warranty does not apply to defects resulting from the alteration, abuse, accidental damage, unauthorized repair, or misuse of the unit. This warranty is given in lieu of all other warranties, guarantees, and conditions on manufacturer's part, and the manufacturer shall have no tortious or other liability in respect to this Equalizer®EQ2 Register Booster™

Suncourt Inc. reserves the right to change product specifications without notice.

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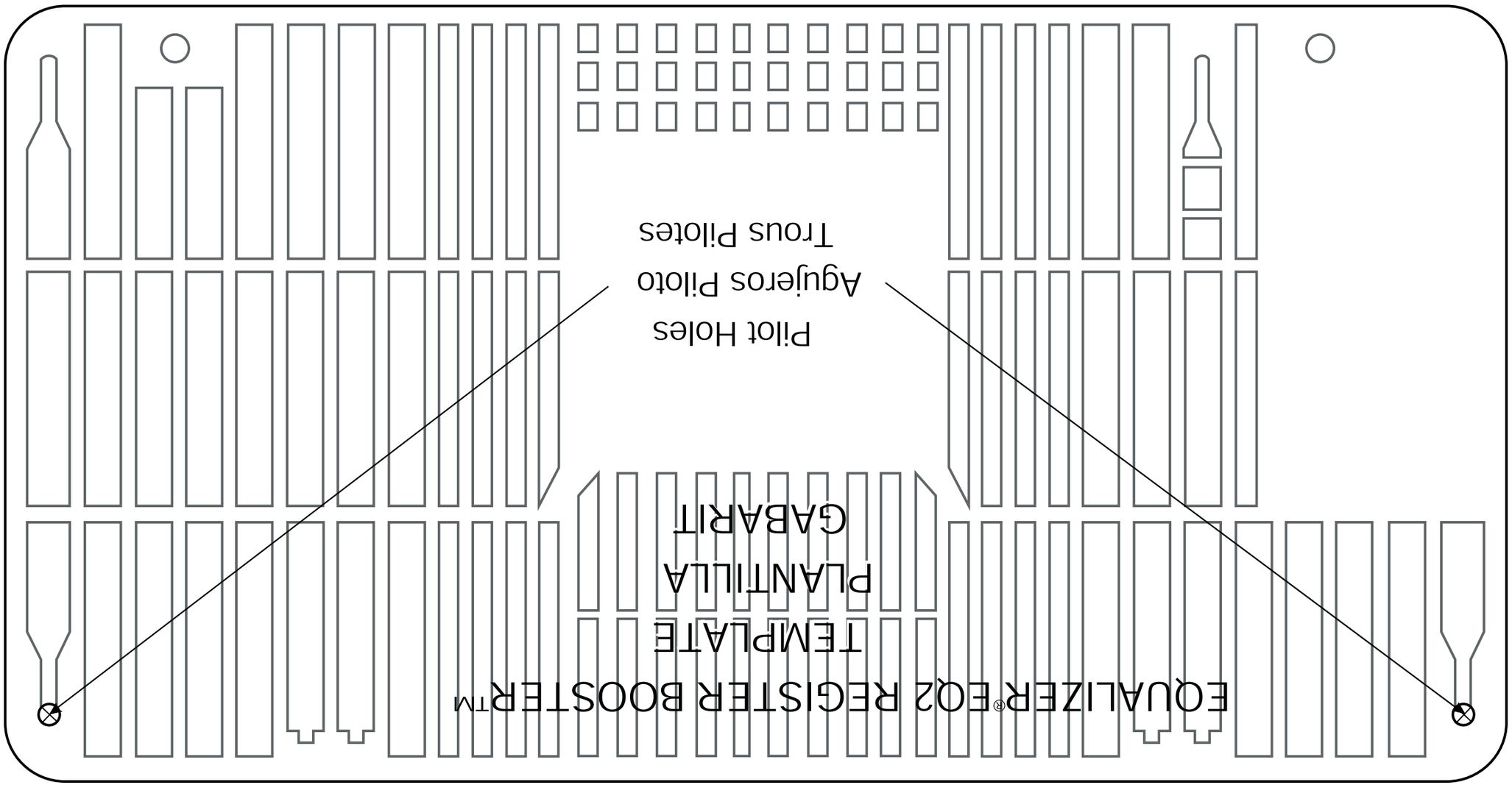

• Control Label will be upside down for wall mounting.

• La escritura de la Etiqueta del ajuste será al rev s para el montaje de la pared.

• L' tiquette de R glage sera à l'envers pour le support de mur.